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(54) Title: CGTASE VARIANTS

(57) Abstract: The inventors have developed a method of modifying the amino acid sequence of a CGTase to obtain variants. The variants may form linear oligosaccharides as an initial product by starch hydrolysis and a reduced amount of cyclodextrin and may be useful for anti-staling in baked products. The method is based on a comparison of three-dimensional (3D) structures of the CGTase with the structure of a maltogenic alpha-amylase where one or both models includes a substrate. The invention also provides novel CGTase variants.

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